

09688566_QUAL

6287765 82

~~6462189 80~~

FN3 - Polypog. Monobdy.

6395889 68

6277375 68

6291650 68

6355788 68

6383778 68

6309879 67

6403080 66

6300473 64

6331413 64

6344548 64

6361985 64

6399368 64

6416988 64

6420154 64

6426072 64

6429302 64

6436703 62

6271014 62

6350933 62

6361939 62

6372899 62

6399065 62

6403337 62

6416973 62

6475753 62

6270984 62

6270995 62

6387640 62

6423498 62

6465410 62

6383733 62

6297004 62

6124260 62

5693488 62

5821084 62

5854045 62

6451976 61

6410254 61

6413740 61

6383785 60

6300065 60

6054572 60

6420120 60

6426042 60

6472204 60

5447860 60

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5681714 59
5998187 59

09688566_CLS
Most Frequently Occurring Classifications of Patents Returned
From A Search of 09688566 on March 26, 2003

Original Classifications

9	435/69.1
4	435/6
2	435/193
2	435/320.1
2	435/325
2	530/350
2	536/23.2
2	536/23.5

Cross-Reference Classifications

27	435/320.1
17	435/325
16	435/252.3
14	536/23.5
13	530/350
11	435/69.1
10	536/23.1
7	536/23.2
6	435/6
6	435/7.1
5	435/7.2
4	435/254.11
4	435/348
4	435/71.1
4	530/300
4	530/324
4	536/23.4
4	536/24.1
3	435/194
3	435/69.7
3	536/24.3
2	424/185.1
2	435/196
2	435/252.33
2	435/254.2
2	435/365
2	435/419
2	435/456
2	435/5
2	435/7.21
2	435/91.2
2	436/64
2	514/12

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2 530/326
2 530/387.3

Combined Classifications

29 435/320.1
20 435/69.1
19 435/325
16 435/252.3
16 536/23.5
15 530/350
11 536/23.1
10 435/6
9 536/23.2
7 435/7.1
5 435/7.2
5 536/23.4
4 435/194
4 435/254.11
4 435/348
4 435/69.7
4 435/71.1
4 530/300
4 530/324
4 536/24.1
3 435/196
3 435/5
3 514/12
3 530/387.3
3 536/24.3
2 424/185.1
2 435/15
2 435/193
2 435/252.33
2 435/254.2
2 435/365
2 435/4
2 435/419
2 435/456
2 435/7.21
2 435/91.2
2 436/64
2 530/326
2 536/23.7

09688566_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 09688566 on March 26, 2003

29	435/320.1	(2 OR, 27 XR)
	Class	435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
	435/320.1	VECTOR, PER SE (E.G., PLASMID, HYBRID PLASMID, COSMID, VIRAL VECTOR, BACTERIOPHAGE VECTOR, ETC.)
		BACTERIOPHAGE VECTOR, ETC.)
20	435/69.1	(9 OR, 11 XR)
	Class	435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
	435/41	MICRO-ORGANISM, TISSUE CELL CULTURE OR ENZYME USING PROCESS TO SYNTHESIZE A DESIRED CHEMICAL COMPOUND OR COMPOSITION
	435/69.1	.Recombinant DNA technique included in method of making a protein or polypeptide
19	435/325	(2 OR, 17 XR)
	Class	435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
	435/325	ANIMAL CELL, PER SE (E.G., CELL LINES, ETC.); COMPOSITION THEREOF; PROCESS OF PROPAGATING, MAINTAINING OR PRESERVING AN ANIMAL CELL OR COMPOSITION THEREOF; PROCESS OF ISOLATING OR SEPARATING AN ANIMAL CELL OR COMPOSITION THEREOF; PROCESS OF PREPARING A COMPOSITION CONTAINING AN ANIMAL CELL; CULTURE MEDIA THEREFORE
16	435/252.3	(0 OR, 16 XR)
	Class	435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
	435/243	MICRO-ORGANISM, PER SE (E.G., PROTOZOA, ETC.); COMPOSITIONS THEREOF; PROCESS OF PROPAGATING, MAINTAINING OR PRESERVING MICRO-ORGANISMS OR COMPOSITIONS THEREOF; PROCESS OF PREPARING OR ISOLATING A COMPOSITION CONTAINING A MICRO-ORGANISM; CULTURE MEDIA THEREFOR

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435/252.1 .Bacteria or actinomycetales; media therefor
 435/252.3 ..Transformants (e.g., recombinant DNA or
 ing, fused vector or foreign or exogenous gene contain
 bacteria, etc.)

16 536/23.5 (2 OR, 14 XR)
 Class 536 : ORGANIC COMPOUNDS -- PART OF THE CLASS
 532-570 SERIES
 536/1.11 .Carbohydrates or derivatives
 536/18.7 ..Nitrogen containing
 536/22.1 ...N-glycosides, polymers thereof, metal
 cleotides, etc.) derivatives (e.g., nucleic acids, oligonu
 536/23.1DNA or RNA fragments or modified forms
 thereof (e.g., genes, etc.)
 536/23.5Encodes an animal polypeptide

15 530/350 (2 OR, 13 XR)
 Class 530 : CHEMISTRY: NATURAL RESINS OR DERIVATIVES;
 PEPTIDES OR PROTEINS; LIGNINS OR REACTION
 PRODUCTS
 THEREOF
 530/350 PROTEINS, I.E., MORE THAN 100 AMINO ACID
 RESIDUES

11 536/23.1 (1 OR, 10 XR)
 Class 536 : ORGANIC COMPOUNDS -- PART OF THE CLASS
 532-570 SERIES
 536/1.11 .Carbohydrates or derivatives
 536/18.7 ..Nitrogen containing
 536/22.1 ...N-glycosides, polymers thereof, metal
 leotides, etc.) derivatives (e.g., nucleic acids, oligonuc
 536/23.1DNA or RNA fragments or modified forms
 thereof (e.g., genes, etc.)

10 435/6 (4 OR, 6 XR)
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
 435/4 MEASURING OR TESTING PROCESS INVOLVING ENZYMES
 OR MICRO-ORGANISMS; COMPOSITION OR TEST ST
 RIP THEREFORE;
 PROCESSES OF FORMING SUCH COMPOSITION OR T
 EST STRIP
 435/6 .Involving nucleic acid

09688566_CLSTITLES

9 536/23.2 (2 OR, 7 XR)
 Class 536 : ORGANIC COMPOUNDS -- PART OF THE CLASS
 532-570 SERIES
 536/1.11 .Carbohydrates or derivatives
 536/18.7 ..Nitrogen containing
 536/22.1 ...N-glycosides, polymers thereof, metal
 derivatives (e.g., nucleic acids, oligonu
 cleotides, etc.)
 536/23.1DNA or RNA fragments or modified forms
 thereof (e.g., genes, etc.)
 536/23.2Encodes an enzyme

7 435/7.1 (1 OR, 6 XR)
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
 435/4 MEASURING OR TESTING PROCESS INVOLVING ENZYMES
 OR MICRO-ORGANISMS; COMPOSITION OR TEST ST
 RIP THEREFORE;
 PROCESSES OF FORMING SUCH COMPOSITION OR T
 EST STRIP
 435/7.1 .Involving antigen-antibody binding, specific
 binding protein assay or specific ligand-re
 ceptor binding
 assay

5 435/7.2 (0 OR, 5 XR)
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
 435/4 MEASURING OR TESTING PROCESS INVOLVING ENZYMES
 OR MICRO-ORGANISMS; COMPOSITION OR TEST S
 TRIP THEREFORE;
 PROCESSES OF FORMING SUCH COMPOSITION OR
 TEST STRIP
 435/7.1 .Involving antigen-antibody binding, specific
 binding protein assay or specific ligand-r
 eceptor binding
 assay
 435/7.2 ..Involving a micro-organism or cell membrane
 bound antigen or cell membrane bound recept
 or or cell
 membrane bound antibody or microbial lysate

5 536/23.4 (1 OR, 4 XR)
 Class 536 : ORGANIC COMPOUNDS -- PART OF THE CLASS
 532-570 SERIES

09688566_CLSTITLES

536/1.11 .Carbohydrates or derivatives
 536/18.7 ..Nitrogen containing
 536/22.1 ...N-glycosides, polymers thereof, metal
 derivatives (e.g., nucleic acids, oligonu
 cleotides, etc.)

536/23.1DNA or RNA fragments or modified forms
 thereof (e.g., genes, etc.)
 536/23.4Encodes a fusion protein

4 435/194 (1 OR, 3 XR)
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/183 ENZYME (E.G., LIGASES (6.), ETC.), PROENZYME;
 COMPOSITIONS THEREOF; PROCESS FOR PREPARI
 NG, ACTIVATING,
 MES INHIBITING, SEPARATING, OR PURIFYING ENZY

435/193 .Transferase other than ribonuclease (2.)
 435/194 ..Transferring phosphorus containing group
 (e.g., kineases, etc.(2.7))

4 435/254.11 (0 OR, 4 XR)
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/243 MICRO-ORGANISM, PER SE (E.G., PROTOZOA, ETC.);
 COMPOSITIONS THEREOF; PROCES OF PROPAGATI
 NG, MAINTAINING OR
 S THEREOF; PROCESS
 OF PREPARING OR ISOLATING A COMPOSITION C
 ONTAINING A
 MICRO-ORGANISM; CULTURE MEDIA THEREFOR

435/254.1 .Fungi
 435/254.11 ..Transformants

4 435/348 (0 OR, 4 XR)
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/325 ANIMAL CELL, PER SE (E.G., CELL LINES, ETC.);
 COMPOSITION THEREOF; PROCESS OF PROPAGATIN
 G, MAINTAINING OR
 HEREOF; PROCESS
 OF ISOLATING OR SEPARATING AN ANIMAL CELL
 OR COMPOSITION
 THEREOF; PROCESS OF PREPARING A COMPOSITIO
 N CONTAINING AN

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ANIMAL CELL; CULTURE MEDIA THEREFORE

435/348 .Insect cell, per se

4 435/69.7 (1 OR, 3 XR)

Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/41 MICRO-ORGANISM, TISSUE CELL CULTURE OR ENZYME
USING PROCESS TO SYNTHESIZE A DESIRED CHE

MICAL COMPOUND OR

COMPOSITION

435/69.1 .Recombinant DNA technique included in method
of making a protein or polypeptide

435/69.7 ..Fusion proteins or polypeptides

4 435/71.1 (0 OR, 4 XR)

Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/41 MICRO-ORGANISM, TISSUE CELL CULTURE OR ENZYME
USING PROCESS TO SYNTHESIZE A DESIRED CHEM

ICAL COMPOUND OR

COMPOSITION

435/71.1 .Using a micro-organism to make a protein or
polypeptide

4 530/300 (0 OR, 4 XR)

Class 530 : CHEMISTRY: NATURAL RESINS OR DERIVATIVES;
PEPTIDES OR PROTEINS; LIGNINS OR REACTION

PRODUCTS

THEREOF

530/300 PEPTIDES OF 3 TO 100 AMINO ACID RESIDUES

4 530/324 (0 OR, 4 XR)

Class 530 : CHEMISTRY: NATURAL RESINS OR DERIVATIVES;
PEPTIDES OR PROTEINS; LIGNINS OR REACTION

PRODUCTS

THEREOF

530/300 PEPTIDES OF 3 TO 100 AMINO ACID RESIDUES

530/324 .25 or more amino acid residues in defined
sequence

4 536/24.1 (0 OR, 4 XR)

Class 536 : ORGANIC COMPOUNDS -- PART OF THE CLASS
532-570 SERIES

536/1.11 .Carbohydrates or derivatives

536/18.7 ..Nitrogen containing

536/22.1 ...N-glycosides, polymers thereof, metal
derivatives (e.g., nucleic acids, oligonu

cleotides, etc.)

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536/23.1DNA or RNA fragments or modified forms
thereof (e.g., genes, etc.)

536/24.1Non-coding sequences which control
transcription or translation processes (e.g
., promoters,
operators, enhancers, ribosome binding site
s, etc.)

3 435/196 (1 OR, 2 XR)
Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/183 ENZYME (E.G., LIGASES (6.), ETC.), PROENZYME;
COMPOSITIONS THEREOF; PROCESS FOR PREPARI
NG, ACTIVATING,
INHIBITING, SEPARATING, OR PURIFYING ENZY
MES

435/195 .Hydrolase (3.)
435/196 ..Acting on ester bond (3.1)

3 435/5 (1 OR, 2 XR)
Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/4 MEASURING OR TESTING PROCESS INVOLVING ENZYMES
OR MICRO-ORGANISMS; COMPOSITION OR TEST ST
RIP THEREFORE;
PROCESSES OF FORMING SUCH COMPOSITION OR T
EST STRIP

435/5 .Involving virus or bacteriophage

3 514/12 (1 OR, 2 XR)
Class 514 : DRUG, BIO-AFFECTING AND BODY TREATING
COMPOSITIONS

514/1 DESIGNATED ORGANIC ACTIVE INGREDIENT CONTAININ
G
(DOAI)

514/2 .Peptide containing (e.g., protein, peptones,
fibrinogen, etc.) DOAI

514/12 ..25 or more peptide repeating units in known
peptide chain structure

3 530/387.3 (1 OR, 2 XR)
Class 530 : CHEMISTRY: NATURAL RESINS OR DERIVATIVES;
PEPTIDES OR PROTEINS; LIGNINS OR REACTION
PRODUCTS
THEREOF

530/350 PROTEINS, I.E., MORE THAN 100 AMINO ACID
RESIDUES

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530/380 .Blood proteins or globulins, e.g.,
 lobulin, thyroxine, proteoglycans, platelet factor 4, thyrog
 etc.

530/386 ..Globulins
 530/387.1 ...Immunoglobulin, antibody, or fragment
 y, or fragment thereof, other than immunoglobulin antibod

530/387.3Chimeric, mutated, or recombined hybrid
 an chimeric, (e.g., bifunctional, bispecific, rodent-hum
 otein, etc.) single chain, rFv, immunoglobulin fusion pr

3 536/24.3 (0 OR, 3 XR)

Class 536 : ORGANIC COMPOUNDS -- PART OF THE CLASS
 532-570 SERIES

536/1.11 .Carbohydrates or derivatives
 536/18.7 ..Nitrogen containing
 536/22.1 ...N-glycosides, polymers thereof, metal
 cleotides, etc.) derivatives (e.g., nucleic acids, oligonu

536/23.1DNA or RNA fragments or modified forms
 thereof (e.g., genes, etc.)

536/24.3Probes for detection of specific
 thesis of DNA or nucleotide sequences or primers for the syn
 RNA

2 424/185.1 (0 OR, 2 XR)

Class 424 : DRUG, BIO-AFFECTING AND BODY TREATING
 COMPOSITIONS

424/184.1 ANTIGEN, EPITOPE, OR OTHER IMMUNOSPECIFIC
 NE, IMMUNOEFFECTOR (E.G., IMMUNOSPECIFIC VACCI
 IMMUNOSPECIFIC STIMULATOR OF CELL-MEDIATED
 IMMUNITY,
 IMMUNOSPECIFIC TOLEROGEN, IMMUNOSPECIFIC I
 MMUNOSUPPRESSOR, ETC.)

424/185.1 .Amino acid sequence disclosed in whole or in
 ein or fusion part; or conjugate, complex, or fusion prot
 polypeptide including the same

2 435/15 (1 OR, 1 XR)

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Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/4 MEASURING OR TESTING PROCESS INVOLVING ENZYMES
OR MICRO-ORGANISMS; COMPOSITION OR TEST STRIP
THEREFORE;
PROCESSES OF FORMING SUCH COMPOSITION OR TEST STRIP

435/15 .Involving transferase

2 435/193 (2 OR, 0 XR)
Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/183 ENZYME (E.G., LIGASES (6.), ETC.), PROENZYME;
COMPOSITIONS THEREOF; PROCESS FOR PREPARING, ACTIVATING,
INHIBITING, SEPARATING, OR PURIFYING ENZYMES

435/193 .Transferase other than ribonuclease (2.)

2 435/252.33 (0 OR, 2 XR)
Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/243 MICRO-ORGANISM, PER SE (E.G., PROTOZOA, ETC.);
COMPOSITIONS THEREOF; PROCESS OF PROPAGATING, MAINTAINING OR
PRESERVING MICRO-ORGANISMS OR COMPOSITIONS THEREOF; PROCESS
OF PREPARING OR ISOLATING A COMPOSITION CONTAINING A
MICRO-ORGANISM; CULTURE MEDIA THEREFOR

435/252.1 .Bacteria or actinomycetales; media therefor

435/252.3 ..Transformants (e.g., recombinant DNA or
vector or foreign or exogenous gene containing, fused
bacteria, etc.)

435/252.33 ...Escherichia (e.g., E. coli, etc.)

2 435/254.2 (0 OR, 2 XR)
Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/243 MICRO-ORGANISM, PER SE (E.G., PROTOZOA, ETC.);
COMPOSITIONS THEREOF; PROCESS OF PROPAGATING, MAINTAINING OR
PRESERVING MICRO-ORGANISMS OR COMPOSITIONS THEREOF; PROCESS
OF PREPARING OR ISOLATING A COMPOSITION CONTAINING A
MICRO-ORGANISM; CULTURE MEDIA THEREFOR

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435/254.1 .Fungi
 435/254.11 ..Transformants
 435/254.2 ...Yeast; media therefor

2 435/365 (0 OR, 2 XR)

Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/325 ANIMAL CELL, PER SE (E.G., CELL LINES, ETC.);
 COMPOSITION THEREOF; PROCESS OF PROPAGATING,
 MAINTAINING OR PRESERVING AN ANIMAL CELL OR COMPOSITION
 THEREOF; PROCESS OF ISOLATING OR SEPARATING AN ANIMAL CELL
 OR COMPOSITION THEREOF; PROCESS OF PREPARING A COMPOSITION
 CONTAINING AN

ANIMAL CELL; CULTURE MEDIA THEREFORE

435/363 .Primate cell, per se
 435/364 ..Monkey kidney
 435/365 ...COS (e.g., COS-7, etc.)

2 435/4 (1 OR, 1 XR)

Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/4 MEASURING OR TESTING PROCESS INVOLVING ENZYMES
 OR MICRO-ORGANISMS; COMPOSITION OR TEST STRIP
 THEREFORE;
 PROCESSES OF FORMING SUCH COMPOSITION OR TEST STRIP

2 435/419 (0 OR, 2 XR)

Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/410 PLANT CELL OR CELL LINE, PER SE (E.G.,
 TRANSGENIC, MUTANT, ETC.); COMPOSITION THEREOF;
 PROCESS OF PROPAGATING, MAINTAINING, OR PRESERVING PLANT
 CELL OR CELL LINE; PROCESS OF ISOLATING OR SEPARATING A
 PLANT CELL OR CELL LINE; PROCESS OF REGENERATING PLANT
 CELLS INTO TISSUE, PLANT PART, OR PLANT, PER SE, WHERE NO
 GENOTYPIC CHANGE OCCURS; MEDIUM THEREFORE

435/419 .Plant cell or cell line, per se, contains
 exogenous or foreign nucleic acid

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2 435/456 (0 OR, 2 XR)
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/440 PROCESS OF MUTATION, CELL FUSION, OR GENETIC
 MODIFICATION

435/455 .Introduction of a polynucleotide molecule int

o
 n animal cell
 435/456 ..The polynucleotide is encapsidated within a
 virus or viral coat

2 435/7.21 (0 OR, 2 XR)
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/4 MEASURING OR TESTING PROCESS INVOLVING ENZYMES
 OR MICRO-ORGANISMS; COMPOSITION OR TEST

STRIP THEREFORE;

PROCESSES OF FORMING SUCH COMPOSITION OR

TEST STRIP

435/7.1 .Involving antigen-antibody binding, specific
 binding protein assay or specific ligand-

receptor binding

assay

435/7.2 ..Involving a micro-organism or cell membrane
 bound antigen or cell membrane bound recep

tor or cell

membrane bound antibody or microbial lysat

e

435/7.21 ...Animal cell

2 435/91.2 (0 OR, 2 XR)
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/41 MICRO-ORGANISM, TISSUE CELL CULTURE OR ENZYME
 USING PROCESS TO SYNTHESIZE A DESIRED

CHEMICAL COMPOUND OR

COMPOSITION

435/72 .Preparing compound containing saccharide
 radical

435/84 ..Preparing nitrogen-containing saccharide

435/85 ...N-glycoside

435/89Nucleotide

435/91.1Polynucleotide (e.g., nucleic acid,
 oligonucleotide, etc.)

435/91.2Acellular exponential or geometric
 amplification (e.g., PCR, etc.)

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2 436/64 (0 OR, 2 XR)
 Class 436 : CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL
 TESTING
 436/64 CANCER

2 530/326 (0 OR, 2 XR)
 Class 530 : CHEMISTRY: NATURAL RESINS OR DERIVATIVES;
 PEPTIDES OR PROTEINS; LIGNINS OR REACTION
 PRODUCTS
 THEREOF
 530/300 PEPTIDES OF 3 TO 100 AMINO ACID RESIDUES
 530/326 .15 to 23 amino acid residues in defined
 sequence

2 536/23.7 (1 OR, 1 XR)
 Class 536 : ORGANIC COMPOUNDS -- PART OF THE CLASS
 532-570 SERIES
 536/1.11 .Carbohydrates or derivatives
 536/18.7 ..Nitrogen containing
 536/22.1 ...N-glycosides, polymers thereof, metal
 derivatives (e.g., nucleic acids, oligonu
 cleotides, etc.)
 536/23.1DNA or RNA fragments or modified forms
 thereof (e.g., genes, etc.)
 536/23.7Encodes a microbial polypeptide

abandoned 1
 ability 2
 above 1
 abstract 1
 acad 1
 acceptable 2
 accordingly 1
 acid 12
 acidic 1
 acids 5
 addition 7
 additionally 1
 adhesion 1
 advantages 1
 affinities 1
 again 1
 against 1
 al 6
 albumin 1
 all 2
 allow 1
 alpha 3
 also 6
 alternatively 2
 amenable 1
 amino 12
 an 17
 analogous 1
 and 43
 animals 1
 another 5
 antibiotic 1
 antibodies 7
 antibody 25
 antigen 5
 antigens 3
 any 15
 appears 1
 application 5
 applications 2
 applied 1
 approach 1
 approaches 1
 appropriate 1
 approximately 2
 are 10
 area 1
 arranged 1

array 1
as 29
aspect 4
aspects 1
at 13
attempted 1
attorney 1
background 1
based 1
basis 1
be 25
bead 1
been 9
begins 1
being 2
benefit 1
beta 2
between 2
bind 8
binding 24
binds 6
biochemistry 2
biol 2
biotechnol 1
bond 1
bonds 3
bound 7
bridges 1
bundles 1
but 3
by 19
cadherin 2
can 2
candidate 2
capable 4
carried 5
carrier 1
cd 4
cdr 2
cdrs 1
cell 3
certain 1
chain 3
chains 1
characteristic 1
characteristics 2
characterized 2
chem 1

chip 1
chromoprotein 1
clackson 1
claims 1
class 1
collins 1
combine 1
combined 1
commonly 1
compared 1
complement 1
complementarity 1
complex 2
compound 19
compounds 6
conditions 3
configuration 1
connecting 1
consists 2
constrained 1
contacting 3
contain 1
containing 7
contains 1
continuation 1
contributes 1
corresponding 2
covalently 1
created 1
creation 1
cross 1
culture 1
cytochrome 1
cytokine 1
date 2
de 1
december 2
defined 2
deleting 1
derivative 6
derivatives 1
derive 1
derived 3
deriving 4
described 3
design 2
designed 2
designing 1

desirable 1
desired 1
determining 1
di 1
diagnostic 1
dimensional 1
dimer 1
dimers 1
direct 1
directed 2
direction 1
disclosed 2
disclosure 1
dismutase 1
display 4
disulfide 4
dna 1
docket 1
documents 1
does 2
domain 36
domains 2
drugs 1
due 1
ected 1
either 2
embodiment 2
embodiments 6
encode 1
encoding 2
eng 1
engineered 2
epitope 1
erythropoietin 1
et 7
even 2
evolution 3
evolve 2
evolving 2
examined 1
example 15
existing 1
exposed 2
extended 1
factor 1
family 1
far 1
features 11

february 1
fi 1
fibronectin 18
field 1
figlucuronidase 1
filed 3
filing 1
first 2
fl 4
flexible 1
flision 1
fluorescent 1
fn 12
fold 11
folding 1
followed 1
for 36
form 1
formation 1
formulated 2
fragments 1
framework 2
frameworks 1
from 11
function 2
further 2
fusion 2
galactosidase 1
gamma 1
gcsf 1
gene 1
general 1
generally 1
generating 3
generation 1
glucuronidase 1
glutamate 1
glycine 1
glycosidase 1
gmel 1
greater 1
green 1
growth 1
has 5
have 9
having 15
heavy 2
held 1

helical 1
helices 1
helix 1
herein 4
heterologous 2
hi 2
high 1
hoess 1
hormone 1
human 3
hybridoma 1
hypervariable 1
icam 1
identical 1
identification 1
identify 1
identifying 1
if 2
iii 13
immobilized 1
immune 1
immunoglobulin 16
in 43
include 2
included 1
includes 7
including 7
individual 1
inhibitor 1
inhibitors 1
injecting 1
integrin 6
interest 10
interferon 1
into 1
introduced 1
invention 27
involves 2
involving 1
is 20
isolating 1
isolation 1
it 2
itself 1
jim 4
kd 11
koehler 1
ku 1

lack 3
lacks 2
lead 1
least 13
length 1
less 1
libraries 1
library 3
ligands 1
light 1
like 13
limited 2
linear 1
linker 1
loop 4
loops 15
loss 1
make 1
mammal 1
mammalian 3
manipulation 1
manner 1
markland 2
mass 2
may 25
mcconnell 1
mediated 1
membrane 1
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